LIEBHERR
CONSTRUCTION EQUIPMENT

[(370850)] LIEBHERR L526 048566-1558 - Diesel Engine

Sample No: LH0250787

Oil Type: SAE 5W30

CEDRE C. MEILLEUR
1 RANG 7
KIAMIKA, QC
CA J0W 1G0
Contact: Service Manager

T:
F:

INFORMATION SUR L'éCHANTILLON

Numéro d'échant.		LH0250787	---	---	---
Date d'échant.		08 Feb 2023	---	---	---
Heures de la Machine		2005	---	---	---
Heures de l'huile		0	---	---	---
Huile changée		Changed	---	---	---
Statut de l'echant.		SEVERE	---	---	---

ÉTAT D'HUILE

Visc 100°C	cSt	7.3	---	---	---
Oxydation (PA)	%	83	---	---	---

CONTAMINATION

Eau	%	NEG	---	---	---
% de suie	%	0	---	---	---
Nitration (PA)	%	100	---	---	---
Sulfatation (PA)	%	60	---	---	---
Glycol	%	NEG	---	---	---
Essence	%	23	---	---	---
Silicium	ppm	6	---	---	---
Sodium	ppm	4	---	---	---
Potassium	ppm	8	---	---	---

MéTAUX D'USURE

Fer	ppm	30	---	---	---
Cuivre	ppm	17	---	---	---
Plomb	ppm	6	---	---	---
Étain	ppm	<1	---	---	---
Aluminium	ppm	6	---	---	---
Chrome	ppm	1	---	---	---
Molybdène	ppm	8	---	---	---
Nickel	ppm	<1	---	---	---
Titane	ppm	<1	---	---	---
Argent	ppm	0	---	---	---
Manganèse	ppm	<1	---	---	---
Vanadium	ppm	0	---	---	---

ADDITIFS

Calcium	ppm	1518	---	---	---
Magnésium	ppm	90	---	---	---
Zinc	ppm	792	---	---	---
Phosphore	ppm	758	---	---	---
Baryum	ppm	0	---	---	---
Bore	ppm	29	---	---	---

Diagnostic

We advise that you check the fuel injection system. The oil change at the time of sampling has been noted. We recommend an early resample to monitor this condition.All component wear rates are normal. Elevated aluminum (Al) and/or lead (Pb) and potassium (K) levels in your metals analysis are likely a result of solder flux release into the lubricant and is common on new equipment/components. There is a high amount of fuel present in the oil. Tests confirm the presence of fuel in the oil. Fuel is present in the oil and is lowering the viscosity. The oil is no longer serviceable due to the presence of contaminants.

Depot: CEDKIA
Unique No: 5528000
Signed: Wes Davis
Report Date: 14 Feb 2023

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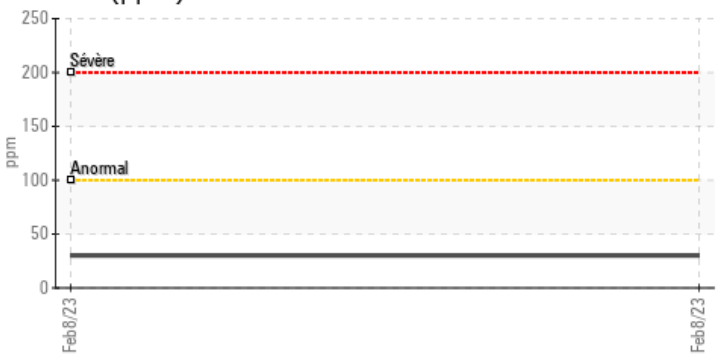
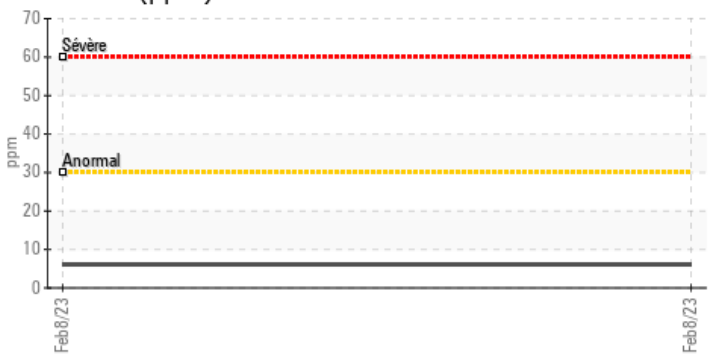
GRAPHS

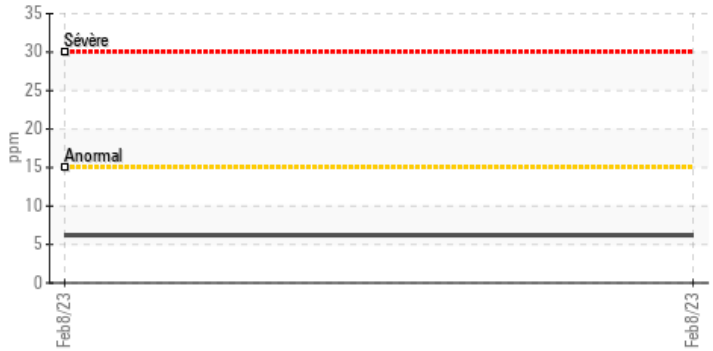
Fer (ppm)



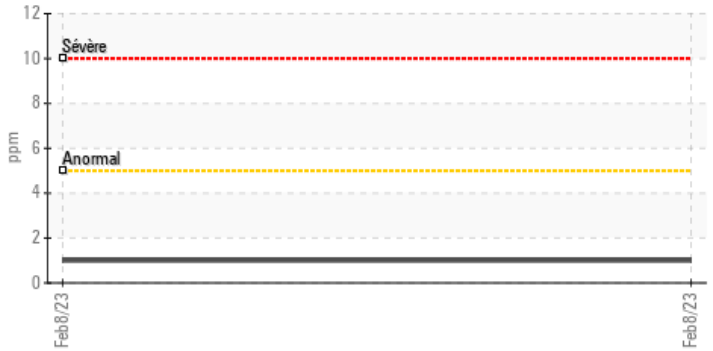
Plomb (ppm)



Aluminium (ppm)



Chrome (ppm)



Cuivre (ppm)

Silicium (ppm)

Viscosité 100°C

Dilution par le carburant